

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A structure for steering light, comprising:
a base layer;
a first conductive layer overlying a portion of said base layer;
a flexure assembly operably coupled to the base, ~~with a portion of said flexure assembly comprising an I beam, said flexure assembly overlying a portion of said first conductive layer;~~ and
a beam layer overlying and coupled to said flexure assembly, said beam layer adapted to rotate relative to said base layer.
2. (Canceled)
3. (Canceled)
4. (Currently amended) The structure as in claim 1 wherein a portion of underlying edges of said flexure assembly ~~and said beam layer~~ are adapted to contact said base layer upon rotation of said beam layer.
5. (Canceled)
6. (Canceled)
7. (Original) The structure as in claim 1 wherein said flexure assembly comprises a torsion beam having first and second generally parallel arms each coupled to a central beam that is generally orthogonal to said first and second arms.
8. (Original) The structure as in claim 7 wherein said first and second arms are coupled to said beam layer.

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Currently amended) The structure as in claim 1 wherein a portion of said underlying edges of said flexure assembly and said beam layer are configured to ~~simultaneously~~ contact said base ~~layer~~ upon rotation of said beam layer.

15. (Currently amended) The structure as in claim 4 wherein said beam layer comprises a substantially planar ~~upper~~ surface when said portion of underlying edges of the flexure assembly are in contact with said base ~~layer~~.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)
26. (Canceled)
27. (Canceled)
28. (Canceled)
29. (New) The structure as in claim 1 wherein the beam layer is adapted to reflect light.
30. (New) The structure as in claim 1 wherein a portion of the flexure assembly comprises an I-beam.
31. (New) A structure for steering light, comprising:
a base;
a conductive element overlying a portion of the base;
a beam layer spaced apart from the base and coupled to a rotation device, the rotation device disposed between the beam layer and the base, the rotation device adapted to permit rotation of the beam layer relative to the base, and the rotation device adapted to maintain a substantially planar beam layer surface.
32. (New) The structure as in claim 31 wherein the conductive element comprises a stacked conductive element have a thinner portion and a thicker portion, the thicker portion disposed closer to a beam layer axis of rotation than is the thinner portion.
33. (New) The structure as in claim 32 wherein a voltage applied to the conductive element to rotate the beam layer is less than a voltage needed to rotate the beam layer if the conductive element was uniformly as thick as the thinner portion.
34. (New) The structure as in claim 31 wherein the conductive element comprises at least two conductive layers having different areas.

35. (New) The structure as in claim 31 wherein the conductive element comprises a step-shaped conductive element.

36. (New) The structure as in claim 31 wherein a portion of an edge of the rotation device is adapted to contact the base upon rotation of the beam layer.

37. (New) The structure as in claim 31 wherein a portion of an edge of the beam layer is adapted to contact the base upon rotation of the beam layer.

38. (New) The structure as in claim 31 wherein the rotation device is adapted to rotate when a voltage differential is applied between the conductive element and the beam layer.

39. (New) The structure as in claim 31 further comprising a second conductive element positioned to provide a different directional rotation of the beam layer.

40. (New) A method of steering light, the method comprising:
providing a structure for steering light, the structure comprising;
a base;
a conductive element overlying a portion of the base; and
a beam layer spaced apart from the base and coupled to a rotation device, the rotation device disposed between the beam layer and the base;
applying a voltage to the conductive element to cause the beam layer to rotate to a desired position, the rotation device maintaining a substantially planar beam layer surface when the beam layer is in the desired position; and
directing a light at the beam layer.

41. (New) The method as in claim 40 further comprising applying a second voltage to the conductive element to cause the beam layer to rotate to a second desired position.

42. (New) The method as in claim 41 wherein the voltage is a positive voltage and the second voltage is a negative voltage.